

Amendments to the Claims:

Listing of Claims:

1-28. (Canceled)

29 (Currently amended). A purified monoclonal antibody which specifically binds to a *patched-2* polypeptide (1) of SEQ ID NO:2 or to a variant thereof having ~~from 1 to 5~~ conservatively substituted, added or deleted amino acid residues, and (2) which at least about 95% sequence identity, wherein said *patched-2* polypeptide binds to hedgehog polypeptide.

30 (Previously presented). The antibody of Claim 29, wherein the *patched-2* polypeptide comprises amino acid residues 1 to 1203 of SEQ ID NO:2.

31 - 35 (Cancelled).

36 (Previously presented). The antibody of Claim 29 which is humanized.

37 (Previously presented). The antibody of Claim 29 which is bispecific.

38 (Previously presented). The antibody of Claim 29 which is heteroconjugated.

39 (Currently amended). A purified monoclonal antibody which specifically binds to a *patched-2* polypeptide (1) of SEQ ID NO:2 or to a variant thereof having ~~from 1 to 5~~ conservatively substituted, added or deleted amino acid residues, and (2) which at least about 95% sequence identity, wherein said *patched-2* polypeptide binds to *Smoothed* polypeptide.

40 (Previously presented). The antibody of Claim 39, wherein the *patched-2* polypeptide comprises amino acid residues 1 to 1203 of SEQ ID NO:2.

41 - 45 (Cancelled).

46 (Previously presented). The antibody of Claim 39 which is humanized.

47 (Previously presented). The antibody of Claim 39 which is bispecific.

48 (Previously presented). The antibody of Claim 39 which is heteroconjugated.

49 (Currently amended). A purified monoclonal antibody which specifically binds to the *patched-2* polypeptide encoded by the human cDNA insert of the polynucleotide deposited under ATCC 209779.

50 - 51 (Cancelled).

52 (Previously presented). The antibody of Claim 49 which is humanized.

53 (Previously presented). The antibody of Claim 49 which is bispecific.

54 (Previously presented). The antibody of Claim 49 which is heteroconjugated.